

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-25. (Cancelled)

26. (Currently Amended) A deployment device embedded in a computer which deploys a distributed monitoring of a computer system having a plurality of resources to be monitored by said deployment device, where said resources form a monitored domain, said deployment device comprising:

a plurality of indicator agents each configured to evaluate an indicator comprising a value characterizing a status or an operation of one or more resources of the computer system and an indicator-defining equation which uses object identifiers associated with a set of variables for calculating said value;

configuration means that specifies one or more domains of the computer system in which each said indicator agent is is ~~is~~ to be deployed, the configuration means comprising a configuration deployment agent that creates a configuration agent for creating the plurality of indicator agents for the resource, and each indicator agent evaluates one of the plurality of indicators and manages an associated subscriber list; and

writing means associated with each indicator agent, each said writing means being configured to write in the associated subscriber list, upon receiving a subscription notification from at least one other indicator agent, an identification and management information of said at least one other indicator agent, and the subscriber list being

managed by the associated indicator agent and stored using storage means of the resource associated with the indicator agent.

27. (Previously Presented) A deployment device according to claim 26, wherein each configuration agent comprises means which creates an indicator agent for each indicator of the resource to which said indicator is assigned, said indicator agent being an indicator deployment agent which determines, for the indicator with which said deployment agent is associated, various combinations of the values of the variables used by the equation from which said indicator is calculated.

28. (Previously Presented) A deployment device according to claim 27, further comprising an indicator compiler that generates, for each indicator, after analyzing the equation from which said indicator is calculated, at least two different object classes comprising:

a first object class "I_Deployer" associated with the indicator deployment agents that deploys instances of a second object class "I_Indicator"; and

the second object class "I_Indicator" associated with the indicator agents that evaluates the indicator, said second object class "I_Indicator" being configured to identify indicator agents;

wherein the first class object "I_Deployer" is configured to specify which indicator agents identified by the second object class "I_Indicator" must be created and to declare to a naming service the indicator agents actually created.

29. (Previously Presented) A deployment device according to claim 26, wherein the indicator agent comprises name resolution means which resolves names of objects referenced in from which the indicator is calculated; and

means which creates corresponding indicator agents by determining valid combinations of the values of the variables of said objects determined by the name resolution means.

30. (Previously Presented) A deployment device according to claim 27, wherein the indicator deployment agent comprises name resolution means which resolves names of objects referenced in the equation from which the indicator is calculated; and

means which creates corresponding indicator agents by determining valid combinations of the values of the variables of said objects determined by the name resolution means.

31. (Previously Presented) A deployment device according to claim 29, wherein the name resolution means comprises search means which searches for all objects identified in the equation from which the indicator is calculated, the search means comprising:

means which verifies, for a referenced object, whether the constraint expressed in the values of the variables is satisfied; and

means which creates the indicator agent associated with the indicator deployment agent if the constraint is satisfied, using as parameters the objects corresponding to the valid combinations of the values of the variables found.

32. (Previously Presented) A deployment device according to claim 27, wherein the configuration deployment agents and the configuration agents are managed by at least one agent machine installed in at least one resource of the monitored domain, the at least one agent machine being configured to handle the distribution of one or more subscription notifications and the transmission of the subscription notifications and the management of overall indicator agent atomicity.

33. (Previously Presented) A deployment device according to claim 28, wherein the configuration deployment agents and the configuration agents are managed by at least one agent machine installed in at least one resource of the monitored domain, the at least one agent machine being configured to handle the distribution of one or more subscription notifications and the transmission of the subscription notifications and the management of overall indicator agent atomicity.

34. (Previously Presented) A deployment device according to claim 27, further comprising means which manages each indicator deployment agent either by the agent machine that manages the configuration agent associated with the indicator deployment agent, or by a different agent machine, the at least one agent machine being configured to handle the distribution of one or more subscription notifications and the transmission of the subscription notifications and the management of overall indicator agent atomicity.

35. (Previously Presented) A deployment device according to claim 28, further comprising means which manages each indicator deployment agent either by the agent machine that manages the configuration agent associated with the indicator deployment

agent, or by a different agent machine, the at least one agent machine being configured to handle the distribution of one or more subscription notifications and the transmission of the subscription notifications and the management of overall indicator agent atomicity.